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Dr. Bruce L. Umminger is Senior Scientist in the Office of Integrative Activities of the Office of the Director of the National Science Foundation (NSF).

Dr. Umminger came to the NSF from the University of Cincinnati (UC) where he was Professor of Biological Sciences, a Fellow of the Graduate School, President of the UC chapter of Sigma Xi for two years, and Acting Head of the Department of Biological Sciences for two years. His research program included visual orientation in copepods, low temperature biology of fish, and the biochemistry of the coelacanth, a "living fossil." He joined NSF as Program Director of Regulatory Biology. He has held a number of positions at the Foundation including Deputy Division Director, Acting Division Director, and Division Director of Cellular Biosciences; and Division Director of Integrative Biology and Neuroscience. He took year-long details to the Department of State as Senior Advisor on Health Policy in the Office for International Health Policy; and to the Smithsonian Institution as Senior Advisor on Biodiversity.

In the Office of Integrative Activities, Dr. Umminger focuses on policy development and strategic planning for the Foundation especially where integrative activities are involved. He also deals with management issues that cross the Foundation, provides advice on misconduct in science, and has significant responsibility for the Science and Technology Centers: Integrative Partnerships Program. He is the Office of Director Liaison to the Office of Inspector General and to the Audit and Oversight Committee of the National Science Board.

In the Federal government, Dr. Umminger currently serves as a member of the Interagency Working Group on Research Misconduct Policy Implementation of the National Science and Technology Council (NSTC). He has served as Executive Secretary for the National Science Board Committee on Centers and Individual Investigator Awards; as Vice-Chair of the Biotechnology Research Subcommittee, Committee on Fundamental Science, NSTC; as Executive Secretary of the Subcommittee on Biodiversity and Ecosystem Dynamics, Committee on Environment and Natural Resources, NSTC; as Executive Secretary of the Smithsonian Institution's National Biodiversity Information Center Advisory Planning Board; as Chair of the NASA Specialized Centers of Research and Training Peer Review Panel; as a member of the NASA Space Station Biological Research Project; as a member of the NASA Neurolab Steering Committee; and as a member of the NASA Space Shuttle Proposal Review Panel in the Life Sciences.

Dr. Umminger is a member of numerous professional societies, and has served as Chair of the Biological Sciences Section of the American Association for the Advancement of Science (AAAS); as a member of the AAAS Council; as Secretary of the American Society of Zoologists; as a member of the Program Executive and Program Advisory Committees of the American Physiological Society; and as Chair of the American Institute of Biological Sciences Congressional Fellow Liaisons Committee. He is a Fellow of AAAS and the New York Academy of Sciences. He has served on numerous advisory committees for the Arlington County Public Schools.

Dr. Umminger received his B.S. *magna cum laude*, M.S., M.Phil., and Ph.D. degrees in biology from Yale University.